

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Original) A wire-winding apparatus for continuously winding a rectangular cross section wire member having a rectangular cross section on a bobbin or a bobbin-less winding jig, the apparatus comprising:
  - a drive part for holding and rotating the bobbin or the bobbin-less winding jig; and
  - a guide member for guiding at least one side surface of the rectangular cross section wire member,wherein winding is performed while the guide member regulating a winding position of the rectangular cross section wire member such that a side surface of the rectangular cross section wire member already wound on an outer periphery of a wound portion of the bobbin or the bobbin-less winding jig closely adheres to a side surface of the rectangular cross section wire member just to be wound.
2. (Original) The wire-winding apparatus according to Claim 1, wherein the guide member relatively moves in an axial direction of the bobbin or the bobbin-less winding jig in accordance with the rotation of the bobbin or the bobbin-less winding jig.
3. (Currently Amended) The wire-winding apparatus according to Claim 1 ~~or Claim 2~~, wherein the bobbin or the bobbin-less winding jig has a flange portion at least at one end of the wound portion, and the guide member suspends regulating the rectangular cross section wire member when the rectangular cross section wire member wound on the outer periphery of the wound portion of the bobbin or the bobbin-less winding jig comes close to the flange portion.
4. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim~~[[s]] 1 [[to 3]], wherein the rectangular cross section wire member is wound in a plurality of tiers on the outer periphery of the wound portion of the bobbin or the bobbin-less winding jig, a side surface of the rectangular cross section wire member wound while being guided by the guide member as a lower tier near the axis center of the bobbin or the bobbin-less winding jig and a side surface of the rectangular cross section wire member wound while being guided by the

guide member as an upper tier on an outer periphery of the lower tier are opposed to each other in an axial direction of the bobbin or the bobbin-less winding jig.

5. (Original) The wire-winding apparatus according to Claim 4, wherein the guide member comprises: a first guide bar for guiding the rectangular cross section wire member when winding the lower tier; and a second guide bar for guiding the rectangular cross section wire member when winding the upper tier.
6. (Currently Amended) The wire-winding apparatus according to ~~any one of~~ Claim[[s]] 1 [[to 4]], wherein the guide member is movable between a guide position for guiding a side surface of the rectangular cross section wire member to be wound on the bobbin or the bobbin-less winding jig and a retreat position outside of the guide position in a radial direction, and  
the guide member moves from the guide position to the retreat position before a winding direction of the wire changes on the bobbin or the bobbin-less winding jig.
7. (Original) The wire-winding apparatus according to Claim 6, wherein the guide member is formed by a flexible plate member having a guide part contacting the rectangular cross section wire member and a support part supporting the guide part in a cantilever state,  
and the guide member bends by receiving a force from the rectangular cross section wire member being guided at the guide position.
8. (Original) The wire-winding apparatus according to Claim 6, wherein the guide member is formed by a flexible plate member having a guide part contacting the rectangular cross section wire member and a support part supporting the guide part in a cantilever state,  
and a support angle of the support part changes at the time when the rectangular cross section wire member is wound in one direction and at the time when the rectangular cross section wire member is wound in the other direction.
9. (Currently Amended) The wire-winding apparatus according to Claim 7 ~~or Claim 8~~, wherein the rectangular cross section wire member is guided by one of the surfaces of the guide when the rectangular cross section wire member is wound in one direction, and the rectangular cross section wire member is guided by the other of the surfaces of the guide member when the rectangular cross section wire member is wound in the other direction.

10. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim[[s]] 6 [[to 9]]~~, wherein the guide member moves in an axial direction in accordance with the rotation of the bobbin or the bobbin-less winding jig.
11. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim[[s]] 6 [[to 9]]~~, wherein the bobbin or the bobbin-less winding jig moves in an axial direction in synchronism with the rotation thereof with respect to the guide member.
12. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim[[s]] 6 [[to 11]]~~, wherein the guide member moves in a radial direction in accordance with an outside diameter of the rectangular cross section wire member wound on the bobbin or the bobbin-less winding jig.
13. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim[[s]] 6 [[to 12]]~~, wherein the bobbin has a terminal and when the rectangular cross section wire member whose one end vicinity is bound to the terminal is bound on an outer periphery surface of the bobbin, the guide member presses the rectangular cross section wire member to a flange of the bobbin.
14. (Original) A wire-winding apparatus for continuously winding a rectangular cross section wire member on a bobbin or a bobbin-less winding jig, the apparatus comprising:
  - a rotational drive part for holding and rotating the bobbin or the bobbin-less winding jig;
  - and
  - an axial-direction drive part for independently moving at least two driven members in an axial direction of the bobbin or the bobbin-less winding jig in synchronism with the rotation of the drive part.
15. (Original) The wire-winding apparatus according to Claim 14, wherein the driven members are guide members for guiding the rectangular cross section wire member to wind on an outer periphery of the wound portion of the bobbin or the bobbin-less winding jig.
16. (Original) The wire-winding apparatus according to Claim 15, further comprising a holding mechanism for holding and cutting the rectangular cross section wire member, and the guide member moves integrally with the holding mechanism.

17. (Original) A wire-winding apparatus comprising:

first holding means for holding a wire source side of a rectangular cross section wire member;

second holding means for holding an end side of the rectangular cross section wire member;

a rotational drive part for holding and rotating the bobbin or the bobbin-less winding jig; and

drive means for moving the first holding means and the second holding means, and the bobbin or the bobbin-less winding jig relatively with each other while maintaining the direction of the rectangular cross section wire member of the wire source side held by the first holding means and the direction of the rectangular cross section wire member of the end side held by the second holding means.

18. (Original) The wire-winding apparatus according to Claim 17, wherein the second holding means performs a binding operation of the rectangular cross section wire member after the first holding means and the second holding means, and the bobbin or the bobbin-less winding jig are relatively moved and at least one side surface of the rectangular cross section wire member is contacted with the bobbin or the bobbin-less winding jig.

19. (Currently Amended) The wire-winding apparatus according to Claim 17 ~~or Claim 18~~, wherein the drive means independently moves the first holding means and the second holding means.

20. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim~~[[s]] 17 [[to 19]], wherein the second holding means is a cut-and-hold mechanism.

21. (Currently Amended) The wire-winding apparatus according to ~~any one of Claim~~[[s]] 17 [[to 20]], wherein the first holding means includes a pulley.